

## World Climate and Climate Change

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### I. Choose the correct answer

Question 1.

KOEPPEN's climate classification is

- (a) genetic
- (b) empirical
- (c) applied
- (d) none of these

▼ [Answer](#)

Answer: (b) empirical.

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Question 2.

Polar climatic group is represented by the letter:

- (a) A
- (b) C
- (c) D
- (d) E

▼ [Answer](#)

Answer: (a) A.

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Question 3.

Symbol 'E' represents which type of climate?

- (a) polar climate
- (b) sub-tropical
- (c) boreal
- (d) dry

▼ [Answer](#)

Answer: (c) boreal.

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Question 4.

Dry climatic group is represented by which letter?

- (a) D
- (b) E
- (c) B
- (d) A

▼ [Answer](#)

Answer: (c) B.

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Question 5.

The classification of world climate which emphasises the causes or origin of their formation based on weather condition:

- (a) empirical classification
- (b) genetic classification
- (c) none of these
- (d) both of these

▼ [Answer](#)

Answer: (b) genetic classification.

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Question 6.

The scientist who used precipitation effectiveness and potential evapo-transpiration as criteria to classify world climate is:

- (a) Thornthwaite
- (b) KOEPPEN
- (c) both of them
- (d) none of them

▼ [Answer](#)

Answer: (a) Thornthwaite.

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Question 7.

What is the other name of the tropical wet and dry climate?

- (a) savanna climate
- (b) marine climate
- (c) polar climate
- (d) none of these

▼ [Answer](#)

Answer: (a) savanna climate.

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Question 8.

The type of climate found on the western sides of continents in temperate zone is known as

- (a) temperate marine climate
- (b) polar climate
- (c) dry climate
- (d) savanna climate

▼ [Answer](#)

Answer: (a) temperate marine climate.

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Question 9.

Name the common element present in carbon dioxide, methane and chlorofluorocarbon gases

- (a) hydrogen
- (b) oxygen

- (c) carbon
- (d) none of these

▼ [Answer](#)

Answer: (c) carbon.

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Question 10.

Name the gas which has more effect on greenhouse effect

- (a) carbon dioxide
- (b) oxygen
- (c) nitrogen
- (d) hydrogen

▼ [Answer](#)

Answer: (a) carbon dioxide.

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Question 11.

Which are known as greenhouse gases?

- (a) carbon dioxide
- (b) methane
- (c) chlorofluoro carbon
- (d) all of these

► [Answer](#)

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Question 12.

The collective name of carbon dioxide, methane and chlorofluorocarbon is

- (a) greenhouse gases
- (b) breathing gases
- (c) both of these
- (d) none of these

▼ [Answer](#)

Answer: (a) greenhouse gases.

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Question 13.

In global warming the most effective factor is

- (a) temperature
- (b) precipitation
- (c) humidity
- (d) none of these

▼ [Answer](#)

Answer: (a) temperature.

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Question 14.

Which programme was undertaken to analyse the trapped gases in ice cap during the last 1,00,000 years?

- (a) ice-coring programme
- (b) KOEPPEN's classification
- (c) none of these
- (d) both of these

▼ [Answer](#)

Answer: (a) Ice-coring programme.

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Question 15.

The concept of heating of the atmosphere indirectly from the earth's surface is known as

- (a) greenhouse effect
- (b) global warming
- (c) ice-coring programme
- (d) none of these

▼ [Answer](#)

Answer: (a) greenhouse effect.

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Question 16.

The intermediate climatic zone between tropics and polar V area is

- (a) dry climate
- (b) moisture
- (c) temperate
- (d) subtropical

▼ [Answer](#)

Answer: (c) temperate.

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Question 17.

At which place the tropical monsoon climate is found?

- (a) north Eastern part of South America
- (b) northern Australia
- (c) both of these
- (d) none of these

▼ [Answer](#)

Answer: (c) both of these.

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Question 18.

In how many types is the tropical group divided into?

- (a) Af
- (b) Am

- (c) Aw
- (d) all of these

▼ [Answer](#)

Answer: (d) all of these.

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Question 19.

Dry climates cover a large area extending over large latitudes from

- (a) 35° to 60° north
- (b) 15° to 60° north
- (c) 15° to 35° north
- (d) 35° to 60° north

▼ [Answer](#)

Answer: (b) 15° to 60° north.

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Question 20.

The highest shade temperature recorded at Al-Aziziyah, Libya on 13th September, 1922 is

- (a) 55°C
- (b) 53°C
- (c) 58°C
- (d) 48°C

▼ [Answer](#)

Answer: (c) 58°C.

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Question 21.

The climograph for Lovelock in Nevada in USA is a typical example for

- (a) polar climate
- (b) dry climate
- (c) temperate climate
- (d) sub-tropical climate

▼ [Answer](#)

Answer: (b) dry climate.

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Question 22.

In how many types the dry climate is divided into?

- (a) steppe
- (b) arid climate
- (c) Desert climate
- (d) all of these

▼ [Answer](#)

Answer: (d) all of these.

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Question 23.

Which type of climate is found in the region of eastern United States of America, southern and eastern China, southern Japan, North-eastern Argentina?

- (a) humid sub tropical
- (b) mediterranean
- (c) warm temperate
- (d) steppe

▼ [Answer](#)

Answer: (a) humid sub-tropical.

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Question 24.

Where is marine west coast climate located?

- (a) poleward
- (b) equatorward
- (c) eastward
- (d) westward

▼ [Answer](#)

Answer: (a) poleward.

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Question 25.

Cold climate with humid winter occurs

- (a) poleward
- (b) equatorward
- (c) westerlies
- (d) easterlies

▼ [Answer](#)

Answer: (a) poleward.

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Question 26.

Polar climates consists of

- (a) tundra (ET)
- (b) ice-cap (EF)
- (c) both of these
- (d) none of these

▼ [Answer](#)

Answer: (c) both of these.

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## II. Fill up the blanks with suitable words

Question 1.

KOEPPEN identified a close relationship between the distribution of ..... and .....

▼ [Answer](#)

Answer: vegetation, climate

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Question 2.

The first capital letter A, C, D and E delineates ..... and B .....

▼ [Answer](#)

Answer: humid, dry climate

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Question 3.

The ..... temperature of the coldest month of the year is below .....

▼ [Answer](#)

Answer: average, minus 3°C

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Question 4.

The average temperature for all months is greater than .....

▼ [Answer](#)

Answer: 18°C

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Question 5.

..... climate is found near equator.

▼ [Answer](#)

Answer: Tropical wet

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Question 6.

Tropical humid climates exist between ..... and .....

▼ [Answer](#)

Answer: Tropic of Cancer, Tropic of Capricorn

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Question 7.

Dry climates are divided into ..... and .....

▼ [Answer](#)

Answer: steppe, desert

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Question 8.

The ..... for Lovelock in Nevada (USA) is a typical example for .....

▼ [Answer](#)

Answer: climograph, dry climates

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Question 9.

During summer the ..... have very long duration of .....

▼ [Answer](#)

Answer: tundra regions, daylight

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Question 10.

The ..... in the trees provide clues about wet and dry periods.

▼ [Answer](#)

Answer: rings

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